

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 17, 2026

Gria2^{tm3Rsp}/Gria2^{tm3Rsp}; Tg(Camk2a-cre)1Gsc

RRID:MGI:3612398

Type: Organism

Proper Citation

RRID:MGI:3612398

Organism Information

URL:

Proper Citation: RRID:MGI:3612398

Description: Allele Detail: Targeted, Transgenic This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted, Transgenic This is a legacy resource.

Phenotype: impaired coordination, increased exploration in new environment, increased anxiety-related response, abnormal olfactory discrimination memory, abnormal spatial learning, abnormal learning/memory/conditioning

Affected Gene: Gria2

Genomic Alteration: tm3Rsp, Tg(Camk2a-cre)1Gsc

Catalog Number: 3612398

Background: involves: C57BL/6 * FVB/N

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16216087](#)

Organism Name: Gria2^{tm3Rsp}/Gria2^{tm3Rsp}; Tg(Camk2a-cre)1Gsc

Record Creation Time: 20240120T190610+0000

Record Last Update: 20240130T202011+0000

Ratings and Alerts

No rating or validation information has been found for Gria2^{tm3Rsp}/Gria2^{tm3Rsp}; Tg(Camk2a-cre)1Gsc.

No alerts have been found for Gria2^{tm3Rsp}/Gria2^{tm3Rsp}; Tg(Camk2a-cre)1Gsc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Shimshek DR, et al. (2017) Different Forms of AMPA Receptor Mediated LTP and Their Correlation to the Spatial Working Memory Formation. Frontiers in molecular neuroscience, 10, 214.